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(54) Title: BLOOD CO-PROCESSING FOR CONTINGENT AUTOLOGOUS LEUKOCYTE TRANSPLANTATION

(57) Abstract: A process for producing a leukocyte bank suitable for CAT therapy comprising the steps of providing a blood sample from a healthy donor individual; selectively separating and collecting leukocytes from the sample; selectively separating and collecting red blood cells and/or platelets and/or plasma from the sample; and cryogenically preserving the leukocytes (and optionally the red blood cells and/or platelets and/or plasma); wherein steps are conducted with an automated leukapheresis device comprising a separation device (e.g. a centrifuge rotor or filter), a leukapheresis tubing set and one or more pumps for conveying the sample through the tubing set and the separated leukocytes into a collection vessel.